


FACULTY DETAILS PROFORMA

Title	Dr.	First Name	CHANDRASHEKHAR	Last Name	NISHAD	Photograph
Designation		Assistant Professor				
Address ; Office		Department of Mathematics Aryabhatta College, University of Delhi				
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Educational Qualifications						
Degree		Institution				Year
Ph.D.		Department of Mathematics, University of Delhi				2017
M.Sc.		VBS Purvanchal University Jaunpur				2005
B.Sc.		VBS Purvanchal University Jaunpur				2003
Career Profile						
<ul style="list-style-type: none"> Assistant Professor in Aryabhatta College, University of Delhi, from 02 March 2016 to date. Assistant Professor (Adhoc) in Kalindi College, University of Delhi, from 25th August 2015 to 01 March 2016. Assistant Professor (Adhoc) in Kalindi College, University of Delhi, from 9th February 2015 to 22th May 2015. 						
Administrative Assignments						
<ul style="list-style-type: none"> Teacher In-Charge Department of Mathematics 2020-21 to date NSS Programme Officer 202-21 to date Liaison Officer (OBC) Aryabhatta College for two years Since January 2022 Convener, Screening Committee for the post of Assistant Professor in Environmental Studies, Aryabhatta College, University of Delhi 2020. Nodal Officer NSS ECA admission committee admission Branch, University of Delhi, (2020-21) & (2021-22) 						

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- Member of Help Desk Committee admission Branch, University of Delhi (2020-21) & (2021-22)
- Member of Generic Coordination Committee (2021-22)
- Member of Admission Committee: (2020-21) & (2021-22)
- Member of Library Committee (2020-21) & (2021-22)
- Member of Purchase Committee (2020-21) & (2021-22)
- Member of Workload Committee: (2020-21) & (2021-22)
- Member of Fee Concession Committee: (2018-19), (2019-20) & (2020-21)
- Member of Function Committee: (2019-20) & (2020-21)
- Member of Document verification Committee: (2018-19), (2019-20) & (2020-21)
- Member of Discipline Committee: (2018-19), (2019-20) & (2020-21)
- Member of Anti-Ragging Committee: (2018-19), (2019-20) & (2020-21)
- Observer for DUET-2019 Examination appointed by National Testing Agency.
- Observer for B.A.(prog.)/B.Com. Annual Examination-2017, School of Open Learning , University of Delhi (SOL).
- Assistant Coordinator (Part time) at IGNOU Study Centre 0709, Aryabhatta College: From March 2018 to date.

Areas of Interest / Specialization

Fluid Mechanics, Convection in Porous Medium, Heat Transfer.

Subjects Taught

B.Sc. (Hons): Partial Differential Equation, Numerical Analysis, Latex & HTML

Research Guidance

Publications Profile

Publications (Journal)

- Free Convection in a Non-Newtonian Fluid along a Horizontal Plate embedded in Porous Media with Internal Heat Generation. *International Communications in Heat and Mass Transfer* 39, pp 537-540, (2012). DOI: <http://dx.doi.org/10.1016/j.icheatmasstransfer.2012.02.003>, Elsevier

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- Effect of Variable Viscosity on Free Convective Heat Transfer over a non-isothermal body of arbitrary shape in a Non- Newtonian Fluid Saturated Porous Medium with Internal Heat Generation. *Transport in Porous Media* 94, pp 277-288, (2012). DOI: 10.1007/s11242-012-0004-2, **Springer**
- Buoyancy Induced Flow Past a Non-Isothermal Arbitrary Shaped Axisymmetric Body Immersed in a Non-Newtonian Porous Medium Saturated by a Nanofluid. *Journal of Nanofluids* 3(3) pp 287 – 295, (2014). DOI: <http://dx.doi.org/10.1166/jon.2014.1106> , (ASP – **American Scientific Publisher**)
- Effect of Variable Viscosity and Permeability on Natural Convective Heat Transfer Across a Vertical Cone Embedded in a Porous Medium Saturated with Nanofluid. *Journal of Nanofluids* 4(1), pp 91 – 99, (2015). DOI: <http://dx.doi.org/10.1166/jon.2015.1132> , (ASP – **American Scientific Publisher**)
- Buoyancy Induced Flow Past a Non-Isothermal Axisymmetric Body Immersed in a Porous Medium of Varying Permeability Saturated by Non-Newtonian Nanofluids. *VIJNANA BHARATHI-The frontier journal in SCIENCE*. Vol 1 No. 2 pp 141-158, (2016).

Conference Organization/ Presentations

Publications (Conference)

- Effect of temperature dependent viscosity on natural convective boundary layer flow over a horizontal plate embedded in a nanofluid saturated porous medium. *Proceedings of the 5th International Conference on Porous Media and its Applications in Science and Engineering, ICPM5, June 22-27, 2014, Kona, Hawaii, USA.*

Paper Presentation

- “Free Convection in a Non-Newtonian Fluid along a Horizontal Plate embedded in Porous Media with Internal Heat Generation.” *National Seminar for Research Scholars, organized by Department of Mathematics, University of Delhi. March 24-25, 2012.*
- “Effect of Variable Viscosity on Free Convective Heat Transfer over a non-isothermal body of arbitrary shape in a Non- Newtonian Fluid Saturated Porous Medium with Internal Heat Generation.” *National Seminar for Research Scholars, organized by Department of Mathematics, University of Delhi. September 20-21, 2013.*

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Participation Workshops/Training Programme

- 5-Days National Workshop on 'Vedic Mathematics' organized by Department of Mathematics, Swami Shraddhanand College. in collaboration with SHIKSHA SANSKRITI UTTHAN NYAS, DELHI PRANT held from 6th January to 11th January 2022.
- **Two Week (Online) Interdisciplinary Faculty Development Programme** on 'MOOC's, E-Content Development, Research Methodology and Statistical Tools in Open Education World. organised by Kalindi College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, held from 3rd August to 17th August 2021.
- **1-WEEK FACULTY DEVELOPMENT PROGRAMME ON "ACADEMICWRITING"** (ONLINE) organized by TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI held from 18th February to 24th February 2021.
- **2-WEEK FACULTY DEVELOPMENT PROGRAMME ON "RESEARCH METHODOLOGY"** (ONLINE) organized by TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI held from 1st October to 15th October 2020.
- **Faculty Development Programme on Sustainable Development** organized by Atma Ram Sanatan Dharma College, University of Delhi, held on October 15-22, 2018.
- **Regional Workshop on Research Based Pedagogical Tools** held in Kumaun University, Nainital, Uttarakhand-263001 from 31st July to 2nd August 2018.
- **Faculty Development Programme on Emerging Trends in Mathematics** organized by Atma Ram Sanatan Dharma College, University of Delhi, held on 1st February, 2018.
- **Faculty Development Programme on Computer Algebra System and Latex** organized by ShyamLal College, University of Delhi, held on February 16-17, 2017.
- **Capacity Building Workshop on e-content creation in Mathematics** organized by Institute of Lifelong Learning, University of Delhi, held on 28th October, 2016.
- **Symposium on Computational Techniques and Mathematical Modeling**, organized by Department of Mathematics, Faculty of Mathematics and Computer Science, South Asian University, held on April 5-6, 2013.
- **Workshop on Information Literacy & Competency** organized by Delhi University Library System, University of Delhi, held on 17th January 2013.
- **National Workshop on Differential Equations, Computing and Modeling** organized by Department of Mathematics, University of Delhi, held on December 20-24, 2010.
- **Workshop on Mathematica** organized by University of Delhi, South Campus, held on 8th December 2010.

Conference/Seminar Participation

- **The Legacy of Srinivasa Ramanujan** international conference organized by Department of Mathematics, University of Delhi, held on December 17-22, 2012.
- **Research Scholars' Seminar** organized by Department of Mathematics, University of Delhi under UGC-DRS (SAP) programme of the Department, held on March 18-19, 2010.
- **National Meet on History of Mathematical Sciences** organized by Department of Mathematics, University of Delhi, January 7-9, 2010.

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Orientation Programme/Refresher Course

- **2-WEEK REFRESHER COURSE IN MATHEMATICS (ONLINE)** organized by TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI, held from 16th March to 30th March 2021.
- **UGC-SPONSORED REFRESHER COURSE** IN COMPUTATIONAL & MATHEMATICAL SCIENCES organized by U.G.C.-H.R.D.C. JAMIA MILLIA ISLAMIA, NEW DELHI, held from 7th February to 20th February 2020.
- **UGC-Sponsored Orientation Programme OR-89 (4 weeks)** organized by UGC-HRDC Human Resource Development Centre, Centre for Professional Development in Higher Education, University of Delhi, held from 24th August to 21st September 2017.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- **Senior Research Fellowship (SRF)** (2011).
- **Junior Research Fellowship (JRF)** with **NET** under **CSIR** Fellowship Scheme **with all India rank 172** (June 2009)
- **Junior Research Fellowship (JRF)** with **NET** under **UGC** Fellowship Scheme (Dec 2008).

Association With Professional Bodies

Other Activities

- Academic Counsellor (Part time) at IGNOU Study Centre-0709, Aryabhata College: From March 2018 to date.

Invited Talk

- “Linear Algebraic System and Applications” 5 days’ workshop from from 27th September, 2019 to 1st October, 2019, titled **National workshop on Recent Trends in Engineering Mathematics (RTEM-2019)** at Ramgarh Engineering College, Ramgarh, Jharkhan-825101.

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